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Part Number: [0755177644](#)
Status: **Active**
Overview: GbX® Backplane Connector System
Description: 5-Pair GbX® Backplane Connector System, Power Module, 10 Circuits, 1.27µm Gold (Au)

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

General

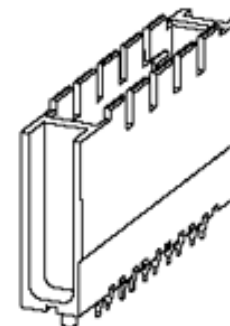
Product Family	Backplane Connectors
Series	75517
Application	Backplane
Application Tooling Documents	TM-622022099
Comments	Blade Length A 7.50mm, B 7.50mm, C 6.00mm, D 4.50mm, E 4.50mm
Component Type	Power Header
Overview	GbX® Backplane Connector System
Product Name	GbX®
UPC	800756687988

Physical

Circuits (Loaded)	10
Circuits (maximum)	10
Circuits Detail	Rows A, B, C, D, & E
Color - Resin	Gray (Dark)
Durability (mating cycles max)	200
First Mate / Last Break	Yes
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Material - Resin	High Temperature Thermoplastic
Net Weight	2.870/g
Number of Columns	N/A
Number of Pairs	5
Number of Rows	5
Orientation	Vertical
PC Tail Length	2.40mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	2.60mm
Pitch - Termination Interface	2.60mm
Plating min - Mating	1.270µm
Plating min - Termination	0.762µm
Polarized to PCB	Yes
Stackable	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	6.0A
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS
ELV

Green Image
Not Relevant

Search Parts in this Series

[75517 Series](#)

Mates With

[75292 GbX® Daughtercard](#)

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description

Product #

Insertion Module, 5-pair 1-Up Power Module	0622022007
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Data Rate	8.0 Gbps
Real Signals (per 25mm)	48
Shielded	No
Voltage - Maximum	120V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Sales Drawing	SD-75510-001
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